



Altus VRB_

Radar Location Beacon

The VRB® transmits a clear directional signal to any X-Band Radar.

Company Name

Altus

Product Produced by Edelweiss

The Vessel Radar Beacon (VRB®) - Vessel-Mounted Unit & Lanyard worn Kayak / PWC Use Unit

Solution To

- A Radar Location Beacon with exceptional reliability.
- Immediately establish visual contact with Radar equipped vessels.
- Bringing commercially-proven Radar technology to the recreational market at affordable pricing and miniaturized size.

The Edelweiss Solution

An extremely compact "Radar Location Beacon" designed for immediate activation to provide a Radar location. The VRB is manually activated for signaling.

The VRB solve the three issues of current signaling devices: reliability, size and price-point. VRBs are miniature electronic Radar Location Beacon.

- VRBs are used as a signaling device at an extremely affordable price.
- Allowing an individual vessel to be easily and quickly located on common radar for immediate identification.
- The VRB comes with mounting bracket; semi-permanent & easy installation. At a size that allows the beacon to go unnoticed. Dash mounted On/Off switch.
- The VRB also comes as a Kayak & PWC neck lanyard unit.
- The VRB, when mounted at a minimum of 2 meters from the waterline, emits an X-band Radar signal with a dome range of 2.5 mile (min. 0.5 mile at sea level), including 2.5 mile in altitude.
- This signal is readable on any standard Radar. The signal emitted produces a single intense blip that shows up on commercial and recreational X-band Radar.

The VRB totally revolutionizes vessel signalisation devices using a proven platform. The VRB positions itself above any competition. VRBs work in conjunction with X-Band Radars. The VRB produces a directional bearing signal, indicating the position of the transmitting vessel to other boats within 2.5 nautical miles.

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The Altus VRB® - Vessel Radar Beacon Radar Location Beacon (Active RTE)

Description

The VRB comes as a vessel-mounted or neck lanyard worn unit that produces a Radar return of 3 intense blips that show location and bearing directly to the VRB.

The unit transmits through the 9.2-9.5 GHz marine band Radar when manually activated. Its operating life is in excess of 8 hours in operational mode. The VRB acts essentially as a radar transponder for location & signaling.

Technical Features

BATTERY: Lithium (5 year replacement life)

WATERPROOFING: Up to 3 meters (9 ft)

PRACTICAL TESTING: Place VRB in the activated mode and check for VRB response on a nearby radar screen

MOUNTING: The VRB has a special mounting bracket & hardware for elevated semi-permanent easy installation and comes with a remote ON/OFF switch

KAYAK & PWC USERS: Neck lanyard

SIZE: 6 x 3 x 2 in (15.24 x 7.62 x 5.08 cm)
with 15 feet power cord

WEIGHT: 0.5 lbs (8.5 oz) (240 g) approximative

MATERIAL: ABS Plastic

COLOR: Safety Yellow

ACTIVATION: Manual

SIGNAL DISTANCE: 2.5 Miles
(When mounted at a minimum of 2 meters above sea level)

OPERATION: Manual "ON/OFF" switch

CERTIFICATION: CE Marking, Registered Trademark,
Patent Pending

LIMITED WARRANTY: 1 year

OPT. MOUNTING KIT: 19 feet (5.8 m) cable w/ remote switch

All specifications subject to change without notice.

VRB®
Vessel Radar Beacon
Radar Location Beacon

altus 

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